

Certificate of Compliance

Element / Product / Subsystem

Holder: SISTCON SA, Argentina

Compliant Item(s): QEV series VA-ER-BP

Intended Application: Quick exhaust valve for the process industry

Basis of testing: IEC 61508:2010
IEC 61511:2003

Assessment include(s): ☐ Management of functional safety
☒ Hardware requirements
☒ Reliability requirements
☐ Software requirements (not applicable)
☒ Basic safety
☒ User documentation

Functional Safety Data:

Safety function(s): See report

Mode: Low demand / Demand mode

Type: A

Compliance route(s): 1_H

HFT: 0

Failure rates (FIT): SD=0, SU=27, DD=0, DU=1.5

Safe failure fraction: 94 %

Fit for use in Safety Integrity Level: SIL 3

Fit for use in Spurious Trip Level®: STL 5

Results:

Risknowlogy certifies that the above Compliant Item meets the requirements of the Basis of Testing for the selected assessment(s). The Risknowlogy report 16.203.5 and safety manual are an integral part of this certificate.

User manual: See report

Certificate number: 16.203.7

Issue date: 2015-12-17

Expiry date: After modification of compliant item(s)



A handwritten signature in blue ink, appearing to read 'Michel Houtermans'.

Certifier: dr.ir. Michel Houtermans